

## TWO NEW NAMES AND A CORRECTION IN SYNONYMY.

By H. C. FALL, Tyngsboro, Mass.

Two names used by the writer prove to be preoccupied; the following changes are therefore proposed.

For *Notiophilus obscurus* Fall substitute **N. obscuratus** new name.

For *Philhydrus elongatulus* Fall substitute **P. sublongus** new name.

The former name is preoccupied by a European species, now regarded as a synonym of *N. aquaticus*, while the latter was given in 1871 by M'Leay to an Australian species. I am indebted to M. D'Orchymont for calling my attention to this latter oversight.

*Agrilus illectus* Fall now proves to be a good species and not a synonym of *A. jacobinus* Horn. My error in announcing the identity of these two species (*Ent. News*, 1907, p. 176) was due to a mistaken identification of Horn's species, of which I have more recently seen genuine examples. The two species are closely allied but *illectus* may be distinguished by its more deeply impressed front, distinct dorsal channel of the pronotum and more or less emarginate prosternal lobe. In *jacobinus* the pronotum is without dorsal channel and the prosternal lobe is obtusely rounded. As I have already pointed out, *jacobinus* is out of place in Horn's table, the serration of the antennae really beginning with the fifth joint instead of the fourth; it is extremely close to *felix* with which Horn compared it, with however the mistaken notion that there was a difference in antennal structure. Both *jacobinus* and *illectus* should stand between *felix* and *impexus* in Horn's table.

It is very unfortunate indeed that in the new check list Mr. Leng felt constrained to follow the arrangement of species as given in Wytzman's *Genera* merely because of later publication. The results in *Agrilus* and *Chrysobothris* and many genera of the Elateridae are lamentable, and in certain cases amount to a veritable hodgepodge of our species. In these two families especially the student will do far better to follow the old Henshaw List, at least so far as the order of species in the genera is concerned.